**Summer 2019**

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| **PROFESSOR**  **(Area)** | **#**  **NEEDED**  **Session** | **TOPICS** | **TASKS REQUIRED** |
| **Schmeichel**  [**schmeichel@tamu.edu**](mailto:schmeichel@tamu.edu)  **Social** | **10 Week only**  485/491  30 students | 1. Motivation, Emotion, Self-Control, Psychophysiology, Social neuroscience | * Conducting experiments with human subjects |
| **Yamauchi**  [**Takashi-yamauchi@tamu.edu**](mailto:Takashi-yamauchi@tamu.edu)  **Cognitive** | SSI and SSII  485, 491  10  students | 1. Emotion and cognition, music perception, unconscious processing | * Designing and administering experiments * Developing stimuli * Literature search |

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| **Grau**  [**j-grau@tamu.edu**](mailto:j-grau@tamu.edu)  **Learning/Behavioral & Cellular Neuroscience** | | | SSI, SSII  and  10 Week  485  2-3  students | | 1. Learning 2. Spinal cord plasticity 3. Recover after spinal injury | * The work is conducted using animal subjects (rats). Tasks include surgery, behavioral testing, histology, cellular assays, and data entry. We are particularly interested in students seeking careers in medicine or neuroscience. Students must have a strong GPR (> 3.5) and SAT, GRE, or MCAT scores. Because intensive training is required, we seek students who can make at least a one year commitment | |
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| **Dr. Isaac Sabat**  [sabatpsyclab@gmail.com](mailto:sabatpsyclab@gmail.com)  **Industrial/Organizational** | | | **10 week only**  485  8  students | We research all aspects of diversity in employment, including but not limited to a) disclosure of stigmatized identities (e.g., LGBT, pregnancy, religious, and political orientation minorities), b) intersectionality of multiple identities (e.g., experiences of black women), and allies in the workplace. | | Assist with all aspects of the research process, including literature reviews, article reviews, weekly lab meetings, study design, data collection, data analysis, and writing. | |
| **Brian Anderson**  [**brian.anderson@tamu.edu**](mailto:brian.anderson@tamu.edu)  **(lab website:**[**http://andersonlab.sites.tamu.edu/**](http://andersonlab.sites.tamu.edu/)**​)**  **Cognition and Cognitive Neuroscience** | | | **10 week only**  485  2 students | | Cognitive neuroscience. The lab does behavioral and neuroimaging studies examining how learning influences what people pay attention to. | Assist with lab operations, including data collection, management, and analysis. Students will also have the opportunity to attend lab meetings and contribute to discussions of research. | |
| **MacNamara**  **(complete form)** <https://goo.gl/forms/Psn8UcsWt1rdni7l2>  **Clinical** | | | SSI, SSII and  10 week  485/491  Up to 15  students | | Emotion and anxiety in the brain | | * Run neuroscience experiments, in which you will collect EEG and/or fMRI data from human participants. | |
| **Dr. Winfred Arthur, Jr.**  [w-arthur@tamu.edu](mailto:w-arthur@tamu.edu)  **I-O Psychology** | 485  10 students | | | | Employment testing, occupational health of sex workers, team composition, and individual and team training | | Research assistants will be needed to proctor studies, complete data entry and/or observational coding tasks, prepare study materials, and conduct literature reviews as needed. A total of nine scheduled hours per week will be required. | | |
| **Fields**  [**msferra@neo.tamu.edu**](mailto:msferra@neo.tamu.edu)  **Clincial**  **Contact Michale Sferra at email above** | | 485  4-5  Students | | | 1. Impulsivity and Smoking/Obesity | * Running participants * Literature review * Data entry * Data analysis | | | | |
| **Adrienne Carter-Sowell**  [**acsowell@tamu.edu**](mailto:acsowell@tamu.edu)  **Glasscock Summer Scholars Program** | | 485/491  3-5  Students | | | research focused on perceived experiences of members of marginalized and/or underserved groups residing in the United States. | Contact [**acsowell@tamu.edu**](mailto:acsowell@tamu.edu) | | | | |

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| **Dr. Darrell Worthy**  [**worthyda@tamu.edu**](mailto:worthyda@tamu.edu)  **Cognition and Cognitive Neuroscience** | **485, 491**  **12 students** | The Worthylab focuses on examining human learning and decision-making using behavioral experiments, neuroscience methods such as fMRI, galvanic skin response, genetic testing, or physiological methods, and mathematical and computational modeling of behavior.  We're interested in identifying the algorithms the brain utilizes when learning and making decisions.  A second line of work is more applied.  Our lab uses well-developed experimental paradigms from cognitive science to examine issues such as how depression, anxiety, substance use, or lack of inhibition affect how people respond to rewards during decision-making, how personality characteristics and individual differences predict who will "choke under pressure", how aging or cognitive development affect learning related processes, and how working memory capacity, stress, or other environmental or individual differences factors affect cognitive performance.  For more information you can look at some of our published papers at [worthylab.org](https://urldefense.proofpoint.com/v2/url?u=http-3A__worthylab.org&d=DwMFaQ&c=ODFT-G5SujMiGrKuoJJjVg&r=pmyRlzW5yvFy8jcBRtkJQVwhulsLciqz6svz6GnQSY0&m=mnnTtv_Sqew9pfgpUeS891P_dJCNWzUyXeKVkYBD2g4&s=kgS_EvjQmQ9waCs8cy6L4TTpdjbcbsM97qv8oAQLFGY&e=) | Tasks - The primary responsibility of research assistants in the Worthylab is to help run human participants in our experiments.  Other minor duties include testing whether experiment programs run correctly prior to running participants, and data entry such as listing data file names for analysis.  Students have the option of becoming more involved in research by designing their own project or running studies that require special attention.  Many students take 485 and then conduct their own research project as a 491 student.  Our lab accommodates students wishing to simply earn some research credit as well as students who would like more advanced preparation for graduate school. |

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| **Vani Mathur**  [vmathur@tamu.edu](mailto:vmathur@tamu.edu)  Social & Neuroscience  \*\*\*Online application available at: [https://goo.gl/forms/v633OwPS1RWGnXW03](https://urldefense.proofpoint.com/v2/url?u=https-3A__goo.gl_forms_v633OwPS1RWGnXW03&d=DwMFaQ&c=ODFT-G5SujMiGrKuoJJjVg&r=eiQzxvuEOB3BtE67bHLXYQ&m=p7EDODweqzxIP_wTWQklvkRENr67HvaOuatSZgmWTiY&s=g-RNkQ5X2WuLGfwrVDIDj577xv9ffct0k4C_6HHfK-0&e=)  **I do ask at least a**  **2 semester commitment.** | **10 WEEK ONLY**  485 only for first semester RAs  5 students | | | * Pain Disparities * Experimental Social Psychology * Social modulation of pain * Social and Cultural Neuroscience * Pain Psychophysics | 1) Collecting data requires extensive training on psychophysical equipment. Therefore, a commitment of at least two semesters is strongly recommended.  2) Support the set up and maintenance of the lab.  3) Data entry.  4) Assist with literature reviews - some RAs will be working directly with graduate students and/or post-doctoral fellows on specific projects. | | | |
| **Payne**  [scp@tamu.edu](mailto:scp@tamu.edu)  I/O | | | 485  2 students | 1. Workplace safety in Qatar | | Transcribe focus groups | |
| **Bergman**  [**mindybergman@tamu.edu**](mailto:mindybergman@tamu.edu)  **I/O** | | SSI, SSII and  10 week  485  2-4 students | | 1. Occupational health psychology, with emphasis on sex discrimination and other forms of workplace mistreatment, women in the leadership and workplace safety | | * Transcribing and coding interviews * Survey analysis * Survey programming * Weekly lab meetings | |
| **Dr. Alexander**  **Brain and Gender Lab**  [kendalljohn@tamu.edu](mailto:kendalljohn@tamu.edu) | | SSI, SSII and  10 week  485  4 students | | research project looking at gender differences in play behavior in children | | As a research assistant in our lab undergraduates can expect to gain experience running participants through a variety of studies, learn how to use biometric technology such as eye tracking and actiography, and become better acquainted with experimental research. | |